

2. **Requirements under WDR Order No. 91-101.** The City of Burbank is currently required to comply with the Maximum Contaminant Levels of the current California Drinking Water Standards for inorganic and organic chemicals, under section A.5. of Order No. 91-101, which are separate waste discharge requirements for water recycling. Since the Burbank WRP is already required to meet the MCLs in order to serve the recycled water, no additional treatment units are believed to be necessary in order to meet the limitations in the accompanying NPDES permit.
3. **Similar Facilities.** Other POTWs in Region 4 have similar NPDES permit requirements. When Regional Board staff was preparing the first set of permits that would implement the SIP and the CTR, they asked the State Board, Division of Water Quality's Standard Development Section to prepare an economic analysis of the cost of complying with the California Toxics Rule for the five Los Angeles County Sanitation District (LACSD) inland POTWs in the San Gabriel River Watershed. The State Board contracted Sciences Applications International Corporation (SAIC) to prepare the economic analysis. Their report titled, *Potential Costs of Complying with the California Toxics Rule for Five Los Angeles County Sanitation District Facilities* (March 21, 2001), presented a worst case scenario and a most likely control scenario for all five facilities. Of the five LACSD POTWs, the Pomona WRP, with a 15 MGD capacity, is the one which is most similar to the Burbank WRP. For the Pomona WRP, the worst case control scenario would require the use of Granular Activated Carbon (GAC), with a construction cost of about \$12 Million, and an operation costs of \$387,000 per year. The most likely control scenario required implementation of a source control or pollutant minimization program, a plant study for process optimization, and an improved coagulant chemical addition process, at a cost of \$141,000 per year. Although the focus of the study was to consider CTR-based limits, the study did include consideration of the 4 µg/L MCL-based limit for Bis(2-ethylhexyl)phthalate. The LACSD plants have focused on source control and pollution prevention, process optimization, and cleaner laboratory analytical techniques to achieve compliance with their permit limitations. In the case of Bis(2-ethylhexyl)phthalate, using cleaner sampling techniques has made a big difference in eliminating the amounts of detects (or false positives) obtained. The clean hands technique involved using gloves and bottles that were free of phthalates, for example using teflon and glassware. In no case did any of the LACSD POTWs have to install costly treatment systems for the removal of CTR-based or MCL-based pollutants.

Regional Board staff conclude that additional treatment units would not be required to meet the new limitations contained in the accompanying Order. The City of Burbank may conduct an economic analysis and submit it to the Regional Board for consideration, during the public comment period, if so desired.

- (e) As a mature built-out city, we are not aware of any significant need for developing housing in the City of Burbank. This permitting action includes a

plant capacity expansion to 12.5 MGD. This expansion was requested by the City of Burbank to accommodate future anticipated growth by the City;

- (f) The Burbank-WRP already recycles large quantities of treated effluent for irrigation and industrial purposes every year. Section III:7. of this Fact Sheet discusses the recycled water facility. Burbank continuously searches for new customers to serve them recycled water.

XI. INTERIM REQUIREMENTS

1. Pollutant Minimization Program

- A. The accompanying Order provides for the use of Pollutant Minimization Program, developed in conformance with Section 2.4.5.1 of the SIP, when there is evidence (e.g., sample results reported as DNQ when the effluent limitation is less than the MDL, sample results from analytical methods more sensitive than those methods included in the permit in accordance with sections 2.4.2 or 2.4.3 above, presence of whole effluent toxicity, health advisories for fish consumption, results of benthic or aquatic organisms tissue sampling) that a priority pollutant is present in the discharger's effluent above an effluent limitation.
- B. The Discharger shall develop a Pollutant Minimization Program (PMP), in accordance with Section 2.4.5.1. of the SIP, if all of the following conditions are true, and shall submit the PMP to the Regional Board within 120 days of determining the conditions are true:
- a. when there is evidence that the priority pollutant is present in the effluent above an effluent limitation and either:
 - i. A sample result is reported as detected but not quantified (DNQ) and the effluent limitation is less than the reported ML; or
 - ii. A sample result is reported as nondetect (ND) and the effluent limitation is less than the MDL.
 - b. Examples of evidence that the priority pollutant is present in the effluent above an effluent limitation are:
 - i. sample results reported as DNQ when the effluent limitation is less than the method detection limit (MDL);
 - ii. sample results from analytical methods more sensitive than those methods included in the permit in accordance with Sections 2.4.2 or 2.4.3;
 - iii. presence of whole effluent toxicity;
 - iv. health advisories for fish consumption; or,

v. results of benthic or aquatic organism tissue sampling.

- C. The goal of the PMP is to reduce all potential sources of a priority pollutant(s) through pollution minimization (control) strategies, including pollution prevention measures as appropriate, to maintain the effluent concentration at or below the WQBEL.
- D. The Discharger shall propose a plan with a logical sequence of actions to achieve full compliance with the limits in this Order. The first phase of the plan is to investigate the sources of the high levels of contaminants in the collection system. If the sources can be identified, source reduction measures (including, when appropriate, Pollution Minimization Plans) will be instituted. At the time this Order is considered, the Discharger is unsure whether or not all sources contributing to the high contaminant levels can be identified. Therefore, a parallel effort will be made to evaluate the appropriateness of Site Specific Objectives (SSO) and, where appropriate, Use Attainability Analyses (UAA), and modifications to and/or construction of treatment facilities. If it is determined that a SSO or UAA is necessary and appropriate, the Discharger will submit a written request for a SSO study, accompanied by a preliminary commitment to fund the study, to the Regional Board. The Discharger will then develop a workplan and submit it to the Regional Board for approval prior to the initiation of the studies.

2. Interim Limits

- A. The Burbank WRP may not be able to achieve immediate compliance with the CTR-based final effluent limitations for chromium VI, copper, mercury, selenium, zinc, bis(2-ethylhexyl)phthalate, dibromochloromethane, bichlorobromomethane, and lindane (gamma-BHC), contained in the accompanying Order Section I.A.2.b. The Burbank WRP may also not be able to achieve immediate compliance with the MCL-based final effluent limitations for: bis(2-ethylhexyl)phthalate and total trihalomethanes, contained in the accompanying Order Section I.A.2.b. Data submitted in previous self-monitoring reports was used to conduct a reasonable potential analysis. The results showed that these constituents had reasonable potential to exceed the criteria necessary to protect the designated beneficial uses of the receiving waters. Even though the maximum detected effluent values for arsenic and iron did not exceed the applicable MCL, new MCL-based final effluent limits for arsenic and iron are included in the accompanying Order, because the reasonable potential analysis indicated that the discharge could contribute to an exceedance of the MCLs. Since the discharge is not expected to consistently exceed the limitations, interim limits for arsenic and iron are not proposed in the accompanying NPDES Order.
- B. 40 CFR, Section 131.38(e) provides conditions under which interim effluent limits and compliance schedules may be issued. However, until recently, the Basin Plan did not allow inclusion of interim limits and compliance schedules in NPDES permits for effluent limits.

1. With the Regional Board adoption and USEPA approval of Resolution No. 2003-001, compliance schedules can be allowed in NPDES permits if:
 - a. the effluent limit implements new, revised, or newly interpreted water quality standards, or
 - b. the effluent limit implements TMDLs for new, revised or newly interpreted water quality standards.

However, the provisions under Resolution No. 2003-001 do not apply to any constituent with a final effluent limitation.
 2. The SIP allows inclusion of interim limits in NPDES permits for CTR-based priority pollutants. The CTR provides for a five-year maximum compliance schedule, while the SIP allows for longer, TMDL-based compliance schedule. However, the USEPA has yet to approve the longer compliance schedules. Therefore, this Order includes interim limits and compliance schedules for CTR-based priority pollutant limits, up until May 17, 2010, when the Discharger has been determined to have problems in meeting the new limits. This Order also includes a reopen to allow the Regional Board to grant TMDL-based compliance schedules if the USEPA approves the longer compliance schedule provisions of the SIP.
 3. For MCL-based limits, such as: bis(2-ethylhexyl)phthalate and total trihalomethanes, prescribed in this Order, for which the Discharger will not be able to meet immediately, interim limits and compliance dates are provided in the accompanying NPDES Order.
- C. The Discharger already has in place a source control and pollutant minimization approach through its existing pollutant minimization strategies and through the pretreatment program. The duration of interim requirements established in this Order was developed in coordination with Regional Board staff and the Discharger, and the proposed schedule is as short as practicable. The duration of the compliance schedule is based on the maximum allowable compliance schedule.

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		1	2	3	4		5A	5B	6	7		
Pollutant	Data Source: B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Antimony	Arsenic	1/2 Arsenic	Beryllium	Cadmium	1/2 Cadmium	Total chromium	Chromium III	Chromium VI	Copper	Lead
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P	<0.3	6	6 <1.8	0.2	0.2	3	3	3	64	<1	
8/31/2003	P											
11/6/2003	ARP		5	5	<0.5	0.25	4	4	4	41	1.5	
12/1/2003	ARP											
2/4/2004	R	0.6	<1.6	0.8 <1.8	<0.5	0.25			2	22		
5/4/2004	R		8	8	<0.4	0.2			9	49	1.2	
8/4/2004	MR	1.5	6	6 <1.2	<0.4	0.2			5	63	1.9	
11/2/2004	MR	<1.2		0.6	<0.4	0.2			4	27	0.9	
2/15/2005	AR	1	<1.2	0.6 <0.8	0.2	0.2			3	14	0.9	
5/12/2005	AR		3	3	<0.3	0.3			2	49	1.2	
6/1/2005	AR											
8/9/2005	AR	0.9	3	3 <0.8	0.3	0.3			4	44	1.1	
11/1/2005	AR		4	4	<0.2	0.2			5	17	0.8	
12/1/2005	AR		4	4	<0.2	0.2			5	21	0.3	
2/8/2006	MR	1	4	4 <0.8	0.2	0.2			3	35	1.2	
5/2/2006	eMR		3	3	0.1	0.1			4	11.7	0.7	
MEG		1.5	8	<0.8	0.3	4			9	64	1.9	
MAXIMUM		1.5	8	<1.8	0.3		4	0	9	64	1.9	
MINIMUM		<0.3	<1.2	<0.8	<0.3		3	0	2	11.7	0.3	
DETECTS		5	10	0	8		2	0	13	13	12	
COUNT		6	13	6	13		2	0	13	13	13	
% NONDETECT		16.66667	23.07692	100	38.46154		0	#DIV/0!	0	0	7.692308	
ST DEVIATION				2.238475	#DIV/0!	0.051578	0.707107	#DIV/0!	1.800997	17.95905		
AVERAGE				3.692308	#DIV/0!		0.2	3.5	#DIV/0!	4.076923	35	
CV				0.606254	0.6	0.239468	0.202031	#DIV/0!	0.441754	0.510089		
Default CV		0.6	0.6	0.6	0.6	0.2	0.2	0.2	0.6	0.4	0.5	0.4
ECA multipliers Table 1												
ECA/Acute99 multiplier		0.321083	0.321083	0.321083	0.321083	0.164337	0.164337	0.164337	0.164337	0.164337	0.164337	0.164337
ECA/Chronic99 multiplier		0.527433	0.527433	0.527433	0.527433	0.796884	0.796884	0.796884	0.527433	0.64337	0.561353	0.64337
AMEL multiplier95		1.552425	1.552425	1.552425	1.552425	1.172474	1.172474	1.172474	1.552425	1.358212	1.454585	1.358212
MDEL multiplier99		3.114457	3.114457	3.114457	3.114457	1.554316	1.554316	1.554316	3.114457	2.274793	2.683671	2.274793
MDEL/AMEL Multiplier		2.006189	2.006189	2.006189	2.006189	1.325673	1.325673	1.325673	2.006189	1.674844	1.844974	1.674844

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #			8	9	10	11		12	13	14	15	16
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.		1/2 Lead	Mercury	Nickel	Selenium	Silver	1/2 Silver	Thallium	Zinc	Cyanide	Asbestos
Units			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	MFL	pg/L
8/5/2003	P	0.5	<0.2	5	22	0.5	0.5	0.5	<0.2	121	<5	
8/31/2003	P											
11/6/2003	ARP	1.5	<0.2	6	15	0.6	0.6		108	<5		
12/1/2003	ARP											
2/4/2004	R	1	<0.1	11	5	0.4	0.4	<0.2	77	<5		
5/4/2004	R	1.2	<0.05	10	23	<0.6	<0.6		75	<5		
8/4/2004	MR	1.9	<0.05	5	14	1.1	1.1	<0.6	99	<5		
11/2/2004	MR	0.9	<0.2	4	7	0.3	0.3		73	<5		
2/15/2005	AR	0.9	<0.2	4	4	<0.6		0.3	<0.6	85	<5	<0.616
5/12/2005	AR	1.2	<0.2	3	9	0.5	0.5		79	<5		
6/1/2005	AR											
8/9/2005	AR	1	<0.2	6	12	0.9	0.9		81	<5		<0.2
11/1/2005	AR	0.8	0.06	3	13	1	1	<0.1	72	<5		
12/1/2005	AR	0.3		4	12	0.2	0.2					
2/8/2006	MR	1.2	<0.2	4	11	0.4	0.4	<0.1	78	<5		<0.287
5/2/2006	eMR	0.7	0.04	3	10.4	0.4	0.4		70.7	<5		
MEAN			0.06	11	23	1.1	<0.1		121	<5		<0.2
MAXIMUM			0.06	1.00	23	1.1	<0.6		121	<5		<0.616
MINIMUM			0.04	3.0	14	0.2	<0.1		70.7	<5		<0.2
DETECTS			12	13	19	11	0	12	10	0	0	0
COUNT			12	13	13	13	6	12	12	12	0	3
% NONDETECT			83.33333	0	0	0	100	0	100	0	#DIV/0!	100
ST DEVIATION		0.415254	2.554533	5.667228		0.293877		15.96402			#DIV/0!	
AVERAGE		1.0	5.2	12.10769		0.55		84.89167			#DIV/0!	
CV		0.412084	0.488367	0.468068		0.534322		0.188052			0.6	
Default CV		0.4	0.6	0.5	0.5	0.5	0.5	0.6	0.2	0.6	0.6	0.6
ECA multipliers Table 1												
ECA Acute 99 multiplier		0.439601	0.321083	0.372624	0.372624	0.372624	0.321083	0.64393	0.321083	0.321083	0.321083	
ECA Chronic 99 multiplier		0.64387	0.527433	0.581353	0.581353	0.581353	0.581353	0.527433	0.796884	0.527433	0.527433	0.527433
AMEL multiplier 95		1358212	1552425	1454585	1454585	1454585	1454585	1552425	1172474	1552425	1552425	1552425
MDEL multiplier 99		2.274793	3.114457	2.683671	2.683671	2.683671	2.683671	3.114457	1.554316	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier		1.674844	2.006189	1.844974	1.844974	1.844974	1.844974	2.006189	1.325673	2.006189	2.006189	2.006189

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		17	18	19	20	21	22	23	24	25	26	27
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Acrolein	Acrylonitrile	Benzene	Bromotom	Carbon Tetrachloride	Chlorobenzene	Dibromochloromethane	Chloroethane	2-Chloroethylvinyl ether	Chloroform	Bromodichloromethane
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P <50	<20	<0.5	67	<0.5	<0.5	110	<0.5	<10	18	65	
8/31/2003	P											
11/6/2003	ARP <50	<20	<0.5	58	<0.5	<0.5	100	<0.5	<10	12	46	
12/1/2003	ARP											
2/4/2004	R <50	<20	<0.5	11	<0.5	<0.5	47	<0.5	<10	21	41	
5/4/2004	R <50	<20	<0.5	54	<0.5	<0.5	85	<0.5	<10	15	56	
8/4/2004	MR <50	<20	<0.5	60	<0.5	<0.5	99	<0.5	<10	14	55	
11/2/2004	MR <50	<20	<0.5	40	<0.5	<0.5	86	<0.5	<10	14	47	
2/15/2005	AR <50	<20	<0.5	19	<0.5	<0.5	63	<0.5	<10	18	45	
5/12/2005	AR <20	<5	<0.5	24	<0.5	<0.5	75	<0.5	<10	22	55	
6/1/2005	AR <20	<5	<0.5	13	0.14	<0.5	47	<0.5	<10	19	41	
6/9/2005	AR <20	<5	<0.5	19	<0.5	<0.5	80	<0.5	<10	30	67	
11/1/2005	AR <50	<20	<0.5	26	<0.5	<0.5	78	<0.5	<10	17	53	
12/1/2005	AR											
2/8/2006	MR <50	<20	<0.5	26	<0.5	<0.5	82	<0.5	<10	17	48	
5/2/2006	eMR <50	<20	<0.5	22	<0.5	<0.5	74	<0.5	<10	23	58	
MEC	>20	25	20.5	67	0.14	20.5	10	20.5	<10	30	67	
MAXIMUM	<50	<20	<0.5	67	0.14	<0.5	110	<0.5	<10	30	67	
MINIMUM	<20	<5	<0.5	11	<0.5	<0.5	47	<0.5	<10	12	41	
DETECTS	0	0	0	13	1	0	13	0	0	13	13	
COUNT	13	13	13	13	13	13	13	13	13	13	13	
% NONDETECT	100	100	100	0	92.307692	100	10	100	100	100	100	
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	95111338	#DIV/0!	#DIV/0!	18.80364	#DIV/0!	#DIV/0!	4.754215	8.331282	
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	331769231	0.14	#DIV/0!	78.92308	#DIV/0!	#DIV/0!	8.446154	52.07692	
CV	0.6	0.6	0.6	0.5777845	0.6	0.6	0.238253	0.6	0.6	0.25752	0.15998	
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.6	0.6	0.6	0.6	0.2
ECA multipliers Table 1												
ECA Acute 99 multiplier	0.321083	0.321083	0.321083	0.3210832	0.321083	0.64337	0.3210832	0.321083	0.527433	0.64337		
ECA Chronic 99 multiplier	0.527433	0.527433	0.527433	0.5274334	0.5274334	0.527433	0.736884	0.5274334	0.527433	0.714744	0.796884	
AMEL multiplier 95	1.552425	1.552425	1.552425	1.5524246	1.5524246	1.55242	1.72474	1.5524246	1.55242	1.263965	1.72474	
MDEL multiplier 99	3.114457	3.114457	3.114457	3.1144574	3.1144574	3.11446	3.554316	3.1144574	3.11446	3.895974	3.554316	
MDEL/AMEL Multiplier	2.006189	2.006189	2.006189	2.0061892	2.0061892	2.00619	3.125673	2.0061892	2.00619	3.500021	3.125673	

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		28	29	30	31	32	33	34	35	36	37	38	39	
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropylene	Ethylbenzene	Methyl bromide (BROMOMETHANE)	1/2 Methyl bromide	Methyl chloride (CHLOROMETHANE)	Methylenechloride	1/2 Methylenechloride	Tetrachloroethylene	Toluene
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P	<0.5		<0.5	<0.5	<1		<1	0.5	<0.5	<1	0.5	<0.5	
8/31/2003	P	<0.5				<0.5						<0.5	<0.5	
11/6/2003	ARP	<0.5	<0.5	<0.5	<1	<0.5	<1	0.5	<0.5	<1	0.5	<0.5	<0.5	
12/1/2003	ARP													
2/4/2004	R	<0.5	<0.5	<0.5	<1	<0.5		2.3	2.3	<0.5	<1	0.5	<0.5	<0.5
5/4/2004	R	<0.5	<0.5	<0.5	<1	<0.5	<1		0.5	<0.5	<1	0.5	<0.5	<0.5
8/4/2004	MR	<0.5	<0.5	<0.5	<1	<0.5	<1		0.5	<0.5	<1	0.5	<0.5	<0.5
11/2/2004	MR	<0.5	<0.5	<0.5	<1	<0.5	<1		0.5	0.52	<1	0.5	<0.5	<0.5
2/15/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5		2.2	2.2	<0.5	<1	0.5	<0.5	<0.5
5/12/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5		3	3	<0.5	<1	0.5	<0.5	<0.5
6/1/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5		<1	0.5	<0.5	0.51	0.51	<0.5	<0.5
8/9/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5		<1	0.5	<0.5	<1	0.5	<0.5	<0.5
11/1/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5		7.8	7.8	<0.5	0.51	0.51	<0.5	<0.5
12/1/2005	AR													
2/8/2006	MR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.5	<0.5	0.67	0.67	<0.5	<0.5
5/2/2006	eMR	<0.5	<0.5	<0.5	<1	<0.5	<1		0.5	<0.5	1.8	1.8	<0.5	<0.5
MEG		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.52	1.8	<0.5	<0.5	<0.5	<0.5
MAXIMUM		<0.5	<0.5	<0.5	<0.5	<1	<0.5	7.8	0.52	1.8	<0.5	<0.5	<0.5	<0.5
MINIMUM		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.51	<0.5	<0.5	<0.5	<0.5
DETECTS		0	0	0	0	0	0	4	1	1	4	0	1	0
COUNT		13	13	13	13	13	13	13	13	13	13	13	13	13
% NONDETECT		100	100	100	100	100	100	69.2308	92.3077	69.2308	100	92.31	100	
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		2.08293	#DIV/0!	0.3592	#DIV/0!	#DIV/0!	
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		1.52308	0.52	0.6146	#DIV/0!	#DIV/0!	
CV		0.6	0.6	0.6	0.6	0.6	0.6		1.36758	#DIV/0!	0.5844	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	1.4	1.4	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1														
ECA/Acute 99 multiplier		0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
ECA/Chronic 99 multiplier		0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433
AMEL multiplier 95		1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
MDEL multiplier 99		3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	6.55649	3.11446	3.11446	3.11446	3.11446	3.11446
MDEL/AMEL Multiplier		2.006189	2.006189	2.0062	2.0062	2.0062	2.0062	2.83218	2.00619	2.00619	2.0062	2.00619	2.0062	2.0062

Table D1

City of Burbank - Burbank Water Reclamation Plant
(NPDES No. CA0055531, CI No.4424)
Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		40	41	42	43	44	45	46	47	48	49	50	51	52	53
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	1,2-Trans-Dichloroethylene	1,1,1-Trichloroethane	1,1,2-trichloroethane	Trichloroethylene	Vinyl chloride	2-chlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	2,4-dinitrophenol	2-nitrophenol	4-nitrophenol	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	Pentachlorophenol
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<10	<10	<2	<2	<5	<10
8/31/2003	P														
11/6/2003	ARP	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<10	<10	<2	<2	<5	<2
12/1/2003	ARP														
2/4/2004	R	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<10	<10	<2	<2	<5	<10
5/4/2004	R	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<5	<5	<5	<5	<5	<5	<1	<5
8/4/2004	MR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
11/2/2004	MR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
2/15/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<5	<2	<5	<5	<5	<5	<1	<1
5/12/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
6/1/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5									
6/9/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
11/1/2005	AR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
12/1/2005	AR														
2/8/2006	MR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
5/2/2006	eMR	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<5	<5	<1	<1
MEC		<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<2	<5	<5	<2	<2	<1	<1
MAXIMUM		<0.5	<0.5	<0.5	<0.5	<0.5	<2	<5	<5	<10	<10	<5	<5	<5	<10
MINIMUM		<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	<2	<5	<5	<2	<2	<1	<1
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COUNT		13	13	13	13	13	12	12	12	12	12	12	12	12	12
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	###
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	###
CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
ECA/Acute99 multiplier		0.3211	0.3211	0.3211	0.3211	0.3211	0.32108	0.3211	0.3211	0.32108	0.3211	0.3211	0.32108	0.32108	0.32108
ECA/Chronic99 multiplier		0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274
AMEL multiplier95		1.5524	1.5524	1.5524	1.5524	1.5524	1.55242	1.5524	1.5524	1.55242	1.5524	1.5524	1.55242	1.55242	1.55
MDEL multiplier99		3.1145	3.1145	3.1145	3.1145	3.1145	3.11446	3.1145	3.11446	3.11446	3.1145	3.11446	3.11446	3.11446	3.11
MDEL/AMEL Multiplier		2.0062	2.0062	2.0062	2.0062	2.0062	2.00619	2.0062	2.0062	2.00619	2.0062	2.0062	2.00619	2.00619	2.00619

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Phenol	2,4,6-trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benzidine	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(ghi)Perylene	Benzo(k)Fluoranthene	Bis(2-Chloroethyl)Methane	Bis(2-Chloroethyl)Ether	Bis(2-Chloroisopropyl) Ether	Dieluoxyl Phthalate Dakabis(2-Ethylhexyl) Phthalate
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P	<2	<5	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<5
8/31/2003	P															
11/6/2003	ARP	<2	<5	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<5
12/1/2003	ARP															
2/4/2004	R	<2	<5	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<5
5/4/2004	R	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<1	<2	<5
8/4/2004	MR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<3
11/2/2004	MR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<3
2/15/2005	AR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<14
5/12/2005	AR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<28
6/1/2005	AR															
8/9/2005	AR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<3
11/1/2005	AR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<68
12/1/2005	AR															
2/8/2006	MR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<3
5/2/2006	eMR	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1	<2	<3
MEDIAN		<1	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<28
MAXIMUM			<5	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<2	<28
MINIMUM			<1	<5	<2	<2	<2	<5	<2	<2	<2	<2	<2	<1	<2	<3
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COUNT		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	100	66.66667
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#####	#####	#####	#DIV/0!	#####	#####	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#####	#####	#####	#DIV/0!	#####	#####	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1																
ECA/Acute99 multiplier		0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211
ECA/Chronic99 multiplier		0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274
AMEL multiplier95		1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524
MDEL multiplier99		3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145
MDEL/AMEL Multiplier		2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.832182

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #			69	70	71	72	73	74	75	76	77	78	79	80	
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	1/2 Bis(2-ethylhexyl)phthalate	4-Bromophenyl Phenyl Ether	Butylbenzyl Phthalate	2-Chloronaphthalene	4-Chlorophenyl Phenyl Ether	Chrysene	Dibenzof[a,h]Anthracene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1/2, 1,4-Dichlorobenzene	3,3'-Dichlorobenzidine	Diethyl Phthalate	Dimethyl Phthalate
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
8/5/2003	P	2.5	<2	<2	<2	<2	<2	<3	<0.5	<0.5	<0.5	0.25	<10	<2	
8/31/2003	P														
11/6/2003	ARP	2.5	<2	<2	<2	<2	<2	<3	<0.5	<0.5	<0.5	0.25	<10	<2	
12/1/2003	ARP														
12/4/2004	R	2.5	<2	<2	<2	<2	<2	<3	<0.5	<0.5	<0.5	0.25	<10	<2	
5/4/2004	R	2.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<5	
8/4/2004	MR	1.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
11/2/2004	MR	3	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
2/15/2005	AR	14	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
5/12/2005	AR	28	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
6/1/2005	AR											0.24	0.24		
8/9/2005	AR	1.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
11/1/2005	AR	6.8	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.19	<5	<2	
12/1/2005	AR														
2/8/2006	MR	1.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.19	<5	<2	
5/2/2006	eMR	1.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<5	<2	
MEAN		2	<2	<2	<2	<2	<2	<3	<0.5	<0.5	<0.5	0.25	<5	<2	
MAXIMUM		<5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	0.25	<10	<5	
MINIMUM		<2	<2	<2	<2	<2	<2	<3	<0.5	<0.5	<0.5	0.19	<5	<2	
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	
COUNT		12	12	12	12	12	12	13	13	13	13	12	12	12	
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	
ST DEVIATION		7.898	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0224	#DIV/0!	#DIV/0!	
AVERAGE		5.65	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.24	#DIV/0!	#DIV/0!	
CV		1.3979	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0932	0.6	0.6	
Default CV		1.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.6	
ECA multipliers Table 1															
ECA/Acute99 multiplier		0.1525	0.321	0.32108	0.321	0.321	0.321	0.321	0.32108	0.32108	0.32108	0.7969	0.32103	0.321	
ECA/Chronic99 multiplier		0.28	0.5274	0.52743	0.5274	0.5274	0.5274	0.5274	0.52743	0.52743	0.52743	0.8914	0.8914	0.5274	
AMEL multiplier95		2.315	1.5524	1.55242	1.5524	1.5524	1.5524	1.5524	1.55242	1.55242	1.55242	1.0843	1.0843	1.5524	
MDEL multiplier99		6.5565	31.1145	31.11446	31.1145	31.1145	31.1145	31.1145	31.11446	31.11446	31.11446	1.2549	31.11446	31.1145	
MDEL AMEL Multiplier		2.8322	2.0062	2.00619	2.0062	2.0062	2.0062	2.0062	2.00619	2.00619	2.00619	1.1573	1.1573	2.0062	

Table D1

City of Burbank - Burbank Water Reclamation Plant
(NPDES No. CA0055531, CI No.4424)
Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		81	82	83	84	85	86	87	88	89	90	91	92	93	94
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Naphthalene
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P														
8/31/2003	P <2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.5
11/6/2003	ARP <2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.5
12/1/2003	ARP														
2/4/2004	R <2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.5
5/4/2004	R <5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5
8/4/2004	MR <5	<5	<5	<5	<1	<5	<5	<1	<1	<5	<1	<5	<1	<1	<0.5
11/2/2004	MR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
2/15/2005	AR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
5/12/2005	AR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
6/1/2005	AR														<0.5
6/9/2005	AR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
11/1/2005	AR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
12/1/2005	AR														
2/8/2006	MR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
5/2/2006	eMR <5	<5	<5	<5	<1	<5	<5	<1	<1	<1	<1	<5	<1	<1	<0.5
MEQ		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.5
MAXIMUM		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.5
MINIMUM		<2	<2	<2	<2	<1	<2	<2	<1	<1	<1	<1	<2	<1	<0.5
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COUNT		12	12	12	12	12	12	12	12	12	12	12	12	12	13
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
ECA/Acute99 multiplier		0.32108	0.32111	0.32110	0.32108	0.32111	0.32111	0.32111	0.32111	0.32111	0.32111	0.32111	0.32111	0.32111	0.32111
ECA/Chronic99 multiplier		0.52743	0.52747	0.52744	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743
AMEL multiplier95		1.55242	1.5524	1.5524	1.55242	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524
MDEL multiplier99		3.11146	3.11145	3.11145	3.11146	3.11145	3.11145	3.11145	3.11145	3.11145	3.11145	3.11145	3.11145	3.11145	3.11145
MDEL/AMEL Multiplier		2.00619	2.0062	2.0062	2.00619	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		95	96	97	98	99	100	101	102	103	104	105	106	107	108	
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	Aldrin	alpha-BHC	beta-BHC	LINDANE	gamma-BHC	delta-BHC	Chlordane	4,4-DDT
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
8/5/2003	P											<0.005				
8/31/2003	P	<2	<2	<2	<2	<2	<2	<0.005	<0.005	<0.005		<0.005	<1	<0.005		
11/6/2003	ARP	<2	<2	<2	<2	<2	<2	<0.005	<0.005	<0.005	0.088	<0.005	<1	<0.005		
12/1/2003	ARP															
2/4/2004	R	<2	<2	<2	<2	<2	<2	<0.005	<0.005	<0.005	<0.005	<0.005	<1	<0.005		
5/4/2004	R	<5	<5	<5	<5	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<1	<0.005		
8/4/2004	MR	<1	<5	<5	<5	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<1	<0.005		
11/2/2004	MR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<1	<0.005		
2/15/2005	AR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<1	<0.005		
5/12/2005	AR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
6/1/2005	AR															
8/9/2005	AR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
11/1/2005	AR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
12/1/2005	AR															
2/8/2006	MR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
5/2/2006	eMR	<1	<5	<5	<1	<5	<5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
MEAN		<1	<2	<2	<1	<2	<2	<0.005	<0.005	<0.005	0.088	<0.005	20.5	<0.005		
MAXIMUM		<5	<5	<5	<5	<5	<5	<0.005	<0.005	<0.005	0.088	<0.005	<1	<0.005		
MINIMUM		<1	<2	<2	<1	<2	<2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.005		
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COUNT		12	12	12	12	12	12	12	12	12	12	12	12	12	12	
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	100	
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
ECA multipliers Table 1																
ECA/Acute 99% multiplier		0.32108	0.32107	0.32107	0.32107	0.32107	0.32107	0.32107	0.32107	0.32107	0.32107	0.32108	0.32108	0.32108	0.32108	
ECA/Chronic 99% multiplier		0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	0.52743	
AMEL multiplier 95%		1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	1.55242	
MDEL multiplier 99%		3.11446	3.11445	3.11445	3.11445	3.11445	3.11445	3.11445	3.11445	3.11445	3.11445	3.11446	3.11446	3.11446	3.11445	
MDEL/AMEL Multiplier		2.00619	2.0062	2.0062	2.0062	2.0062	2.0062	2.00619	2.0062	2.00619	2.0062	2.00619	2.00619	2.00619	2.0062	

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		109	110	111	112	113	114	115	116	117	118	119	120	121	122
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	4,4-DDE	4,4-DDD	Dieldrin	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endro	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P						<0.005	<0.01							
8/31/2003	P	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2
11/6/2003	ARP	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
12/1/2003	ARP														
2/4/2004	R	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
5/4/2004	R	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
8/4/2004	MR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
11/2/2004	MR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
2/15/2005	AR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
5/12/2005	AR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
6/1/2005	AR														
8/9/2005	AR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
11/1/2005	AR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
12/1/2005	AR														
2/8/2006	MR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
5/2/2006	eMR	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
MEAN		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
MAXIMUM		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
MINIMUM		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.2	<0.2	<0.2	<0.2
DETECTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COUNT		12	12	12	12	12	12	12	12	12	12	12	12	12	12
% NONDETECT		100	100	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
ECA Acute99 multiplier		0.32108	0.32108	0.3211	0.3211	0.32108	0.3211	0.32108	0.3211	0.3211	0.32108	0.3211	0.3211	0.3211	0.3211
ECA Chronic99 multiplier		0.52743	0.52743	0.5274	0.5274	0.52743	0.5274	0.52743	0.5274	0.5274	0.52743	0.5274	0.5274	0.5274	0.5274
AMEL multiplier95		1.155242	1.155242	1.15524	1.15524	1.155242	1.15524	1.155242	1.15524	1.15524	1.155242	1.15524	1.15524	1.15524	1.15524
MDEL multiplier99		3.11446	3.11446	3.11445	3.11445	3.11446	3.11445	3.11446	3.11445	3.11446	3.11445	3.11445	3.11445	3.11445	3.11445
MDEL/AMEL Multiplier		2.00619	2.00619	2.0062	2.0062	2.00619	2.0062	2.00619	2.0062	2.0062	2.00619	2.0062	2.0062	2.0062	2.0062

Table D1

City of Burbank - Burbank Water Reclamation Plant
 (NPDES No. CA0055531, CI No.4424)
 Discharge Serial No. 002 Priority Pollutant Effluent Data

CTR #		123	124	125	126
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Aroclor 1248	Aroclor 1254	Aroclor 1260	Toxaphene
Units	ug/L	ug/L	ug/L	ug/L	ug/L
8/5/2003	P			<1	
8/31/2003	P	<0.2	<0.2	<0.2	
11/6/2003	ARP	<0.2	<0.2	<0.2	<1
12/1/2003	ARP				
2/4/2004	R	<0.2	<0.2	<0.2	<1
5/4/2004	R	<0.2	<0.2	<0.2	<1
8/4/2004	MR	<0.2	<0.2	<0.2	<1
11/2/2004	MR	<0.2	<0.2	<0.2	<2
2/15/2005	AR	<0.2	<0.2	<0.2	<2
5/12/2005	AR	<0.2	<0.2	<0.2	<2
6/1/2005	AR				
8/9/2005	AR	<0.2	<0.2	<0.2	<2
11/1/2005	AR	<0.2	<0.2	<0.2	<2
12/1/2005	AR				
2/8/2006	MR	<0.2	<0.2	<0.2	<2
5/2/2006	eMR	<0.2	<0.2	<0.2	<2
MEAN		<0.2	<0.2	<0.2	<1
MAXIMUM		<0.2	<0.2	<0.2	<2
MINIMUM		<0.2	<0.2	<0.2	<1
DETECTS		0	0	0	0
COUNT		12	12	12	12
% NONDETECT		100	100	100	100
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		0.6	0.6	0.6	0.6
Default CV		0.6	0.6	0.6	0.6
ECA multipliers Table 1:					
ECA/Acute 99 multiplier		0.3211	0.3211	0.3211	0.3211
ECA/Chronic99 multiplier		0.5274	0.5274	0.5274	0.5274
AMEL multiplier95		1.5524	1.5524	1.5524	1.5524
MDEL multiplier99		3.1145	3.1145	3.1145	3.1145
MDEL/AMEL Multiplier		2.0062	2.0062	2.0062	2.0062

Table D2
Non-Priority Pollutant Effluent Data from Discharge Serial No. 002

City of Burbank - Burbank Water Reclamation Plant
(NPDES NO. CA0055531, CI No. 4424)

CTR #											
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Ammonia as N (Max.)	Aluminum	Barium	BOD (Mo max)	1/2 BOD (Mo max)	Boron	Chloride	Total Residual chlorine (daily max)	Cobalt	Fluoride
Units	mg/L	µg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	
6/3/2003	ARP	0.1			8	8	0.4	125	5.3		0.4
7/11/2003	ARP	0			13	13	0.4	131	5.6		0.4
8/8/2003	P	0.2	96	40 <3		1.5	0.4	137		0.3	0.3
8/31/2003	P								6.9		
9/9/2003	ARP	0.2			3	3	0.4	125	8.4		0.3
10/15/2003	ARP	0			3	3	0.4	129	6.2		0.4
11/6/2003											
11/25/2003	ARP	0.2 <50		30	4	4	0.4	108	7		0.4
12/2/2003	ARP	0			5	5	0.4	110	6.9		0.4
1/1/2004	AR				4	4	0.4	109			0.4
1/6/2004		0							5.2		
1/31/2004									7.2		
2/4/2004	AR				4	4	0.4	114			0.4
2/3/2004	R	0.3	52	30					4.4	0.4	
2/28/2004									5.9		
3/5/2004	AR				5	5	0.4	130			0.4
3/2/2004		0.2							5		
3/28/2004									5.6		
4/1/2004	AR			<3		1.5	0.4	133	5.6		0.3
4/6/2004		0.2							4.6		
5/1/2004	AR				3	3	0.4	126	5.6		0.4
5/4/2004	R	0.2 <100		32					4.4		
6/1/2004		0.2			<3		1.5	0.4	139	5.8	0.4
7/1/2004	A									6.5	0.4
7/6/2004		0.3			<3		1.5	0.4	134	5.1	
8/4/2004	MR	0.2 <100		32	6	6	0.4	137	6.7	0.3	0.5
8/10/2004	MR								120		
8/17/2004	MR								118		
8/24/2004	MR								113		
8/31/2004	MR								131		
9/1/2004	A	0.1			5	5		138	5.7		0.4
9/8/2004	MR						0.4	133			
9/14/2004	MR							135			
9/21/2004	MR							138			
9/28/2004	MR							133			
10/1/2004	A	0.3			<3		1.5	0.4	137	6	
10/5/2004	MR						0.5				0.4
10/12/2004	MR										
10/21/2004	MR										
10/26/2004	MR										
11/2/2004	MR	0.2	46	33	7	7	0.4	121	5.5		0.4
11/9/2004	MR							115			
11/16/2004	MR							114			

Table D2
Non-Priority Pollutant Effluent Data from Discharge Serial No. 002

City of Burbank - Burbank Water Reclamation Plant
(NPDES NO. CA0055531, CI No. 4424)

CTR #												
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Ammonia as N (Max.)		Aluminum	Barium	BOD (Mo max)			Boron	Chloride	Total Residual chlorine (daily max)	
Units	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	ug/L	mg/L
11/23/2004	MR									113		
11/30/2004	MR									118		
12/7/2004	MR	0.2			<3		1.5	0.4		114	5.4	0.4
12/14/2004	MR									114		
12/21/2004	MR									134		
12/28/2004	MR									133		
1/1/2005	MR										5.3	
1/4/2005	MR									119	4.9	
1/9/2005	MR											
1/11/2005	MR	0.1			<3		1.5	0.3	103	5		0.3
1/13/2005	MR						1.5				4.3	
1/18/2005	MR						1.5		116	4.6		
1/24/2005	MR										4.6	
1/25/2005	MR								118	4.6		
1/31/2005	MR										5.4	
2/1/2005	MR								120	4.4		
2/3/2005	MR										4.6	
2/8/2005	MR								118	4.5		
2/11/2005	MR										4.6	
2/15/2005	MR	0.2	57	18				0.4	117	4.3	0.3	0.3
2/16/2005	MR										4.1	
2/17/2005	MR										4.5	
2/18/2005	MR										4.8	
2/21/2005	MR										5.9	
2/22/2005	MR								91	5.3		
3/1/2005	MR	0.2						0.3	125	4.1		0.3
3/2/2005	MR										5.7	
3/9/2005	MR					4	4				6.4	
3/10/2005	MR								101	6.2		
3/14/2005	MR										7.3	
3/15/2005	MR								105	3		
3/16/2005	MR										4.6	
3/18/2005	MR					3	3				4.6	
3/21/2005	MR					3	3				7.1	
3/22/2005	MR								111	5.2		
3/29/2005	MR								97	3.9		
4/1/2005	MR						4	4			3.9	
4/4/2005	MR										5.1	
4/5/2005	MR	0						0.4	104	5.7		0.3
4/6/2005	MR										7.3	

Table D2
Non-Priority Pollutant Effluent Data from Discharge Serial No. 002

City of Burbank - Burbank Water Reclamation Plant
(NPDES NO. CA0055531, CI No. 4424)

CTR #												
Pollutant	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Ammonia-N (Max)		Aluminum	Barium	BOD (Mo max)	1/2 BOD (Mo max)	Boron	Chloride	Total Residual chlorine (daily max)	Cobalt	Fluoride
Units	mg/L	µg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	
4/12/2005	MR								113	4.5		
4/19/2005	MR								110	4.9		
4/26/2005	MR								113	3.9		
5/12/2005	AR	0.0	29	35 <3		1.5	0.4	122				0.4
6/7/2005	AR	0.3				4	4	0.4	116			0.3
7/5/2005	AR	0.2				5	5	0.4	114			0.3
8/9/2005	AR	0.3	31	31 <3		1.5	0.4	124		0.4		0.3
9/16/2005	AR	0.2				3	3	0.5	128			0.3
10/4/2005	AR	0.2				3	3	0.4	139			0.5
11/1/2005	AR	0.2	36	39	4	4	0.5	109				0.3
12/6/2005	AR	0.2		<3		1.5	0.4	122				0.3
1/10/2006												
2/8/2006												
3/21/2006		0.2										
4/11/2006												
5/2/2006												
6/6/2006		0.2										
MEG		0.5	96	40	13		0.5	139	8.4	0.4		0.5
MAXIMUM		0.5	96	40	13		0.5	139	8.4	0.4		0.5
MINIMUM		0.1	29	18 <3			0.3	91	3	0.3		0.3
DETECTS		33	7	10	22		32	59	61	5		31
COUNT		33	10	10	37		32	59	61	5		31
% NONDETECT		0	30	0	40.54054		0	0	0	0		0
ST DEVIATION		0.064988	23.02793	6.036923		2.363305	0.040035	11.5672	1.071506	0.054772		0.060819
AVERAGE		0.187879	49.57143	32		3.391892	0.403125	120.5763	5.340984	0.34		0.364516
CV		0.345906	0.46454	0.188654		0.696751	0.099312	0.095933	0.20062	0.161095		0.166848
Default CV		0.3	0.4	0.2	0.7	0.7	0.1	0.1	0.2	0.2		0.2
ECA Acute 99 multiplier		0.527433	0.439601	0.64337	0.280986	0.280986	0.796884	0.796884	0.64337	0.64337		0.64337
ECA Chronic99 multiplier		0.714741	0.64337	0.796884	0.480505	0.480505	0.891385	0.891385	0.796884	0.796884		0.796884
AMEL multiplier95		1.263965	1.358212	1.72474	1.651064	1.651064	1.084317	1.084317	1.172474	1.172474		1.172474
MDEL multiplier99		1.895974	2.274793	2.554316	3.558899	3.558899	1.254888	1.254888	1.554316	1.554316		1.554316
MDEL/AMEL Multiplier		1.500021	1.674844	1.325673	2.155518	2.155518	1.157308	1.157308	1.325673	1.325673		1.325673

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City of Burbank - Burbank Water Reclamation Plant
(NPDES NO. CA0055531, CI No. 4424)

CTR #	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Halomethanes	Hardness	Hardness capped	Iron	Manganese	MBAS	Methoxychlor	2,4-D	2,4,5-T (D,Silver)	MTBE
Pollutant	Units		mg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/3/2003	ARP		221		92	4	0.1				
7/11/2003	ARP		177		76	1	0.1				
8/8/2003	P				163	7	<0.1	<0.01	<0.4	<0.07	
8/31/2003	P	172	173								<0.5
9/9/2003	ARP		182		91	5	<0.1				
10/15/2003	ARP		173		110	8	0.1				
11/6/2003		216									
11/25/2003	ARP		202		170	7	0.1	<0.01	<0.4	<0.07	<0.5
12/2/2003	ARP		202		61	6	0.1				
1/1/2004	AR					7					
1/6/2004			204		30	7	0.1				
1/31/2004											
2/4/2004	AR	120									
2/3/2004	R		199		67	9	0.1	<0.01	<0.4	<0.07	<0.5
2/28/2004											
3/5/2004	AR										
3/2/2004			233		51	5	0.1				
3/28/2004											
4/1/2004	AR										
4/6/2004			228		68	8	0.1				
5/1/2004	AR										
5/4/2004	R	210	194		105	11	0.1	<0.01	<0.4	<0.07	<0.5
6/1/2004			170		77	4	0.1				
7/1/2004	A										
7/6/2004			177		77	4	0.1				
8/4/2004	MR	228	188		280	15	0.1	<0.01	<0.4	<0.07	<0.5
8/10/2004	MR										
8/17/2004	MR										
8/24/2004	MR										
8/31/2004	MR										
9/1/2004	A										
9/8/2004	MR		186		84	6	0.2				
9/14/2004	MR										
9/21/2004	MR										
9/28/2004	MR										
10/1/2004	A										
10/5/2004	MR		188		42	4	0.1				
10/12/2004	MR										
10/21/2004	MR										
10/26/2004	MR										
11/2/2004	MR	187	195		93	4	0.1	<0.01	<0.4	<0.07	<0.5
11/9/2004	MR										
11/16/2004	MR										

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Non-Priority Pollutant Effluent Data from Discharge Serial No. 002

City of Burbank - Burbank Water Reclamation Plant
(NPDES NO. CA0055531, CI No. 4424)

CTR #	Data Source B=BC lab, C=Caltest lab, P=POTW, MR = Monthly recycling rept., AR = Annual recycling rept.	Halogenes	Hardness	Hardness capped	Iron	Manganese	MBAS	Methoxychlor	2,4-D	2,4,5-T/P(Silvex)	MTBE
Pollutant	Units		mg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
11/23/2004	MR										
11/30/2004	MR										
12/7/2004	MR		182		37	4	0.09				
12/14/2004	MR										
12/21/2004	MR										
12/28/2004	MR										
1/1/2005	MR										
1/4/2005	MR										
1/9/2005	MR										
1/11/2005	MR		250	250	25	6	<0.1				
1/13/2005	MR										
1/18/2005	MR										
1/24/2005	MR										
1/25/2005	MR										
1/31/2005	MR										
2/1/2005	MR										
2/3/2005	MR										
2/8/2005	MR										
2/11/2005	MR										
2/15/2005	MR	145	133	133	110	15	0.1	<0.01	<0.4	<0.07	<0.5
2/16/2005	MR										
2/17/2005	MR										
2/18/2005	MR										
2/21/2005	MR										
2/22/2005	MR										
3/1/2005	MR		193	193	96	8	0.31				
3/2/2005	MR										
3/9/2005	MR										
3/10/2005	MR										
3/14/2005	MR										
3/15/2005	MR										
3/16/2005	MR										
3/18/2005	MR										
3/21/2005	MR										
3/22/2005	MR										
3/29/2005	MR										
4/1/2005	MR										
4/4/2005	MR										
4/5/2005	MR		199	199	103	8	<0.05				
4/6/2005	MR										